Ceramic honeycomb catalyst having excellent thermal shock resistance

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A disclosed ceramic honeycomb catalyst having an excellent thermal shock resistance in which a carrier is coated on a ceramic honeycomb structural body, has a mean thermal expansion coefficient in a range from 40 to 800 DEG C of smaller than 0.7x10<-6>/ DEG C. Therefore, it is possible to obtain a ceramic honeycomb catalyst having an excellent thermal shock resistance in which a mechanical strength of a ceramic honeycomb structural body to which a carrier such as gamma -alumina is coated is not decreased and the carrier is not peeled off from the ceramic honeycomb structural body.

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